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- (71) 出願人(米国を除く全ての指定国について): 中外製薬株式会社 (CHUGAI SEIYAKU KABUSHIKI KAISHA) [JP/JP]; 〒115-8543 東京都北区浮間5丁目5番1号 Tokyo (JP).
- (72) 発明者; および
- (75) 発明者/出願人(米国についてのみ): 谷川 雅彦 (TANIKAWA,Masahiko) [JP/JP]; 〒171-8545 東京都豊島区高田3丁目41番8号 中外製薬株式会社内 Tokyo (JP). 大村 武史 (OMURA,Takeshi) [JP/JP]; 〒171-8545 東京都豊島区高田3丁目41番8号 中外製薬株式会社内 Tokyo (JP).

添付公開書類:
— 國際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

A1

(54) Title: METHOD OF STABILIZING PROTEIN SOLUTION PREPARATION

WO 2004/019966

(54) 発明の名称: タンパク質溶液製剤の安定化方法

(57) Abstract: A method of enhancing the stability of protein solution preparations through inhibition of aggregate formation in a solution of physiologically active protein such as an antibody, an enzyme, a hormone or a cytokine. In particular, a method of stabilizing protein solution preparations, comprising storing the protein solution preparations under magnetic force lines; and a container for accommodating protein solution preparations, which comprises a magnetic force line generator.

(57) 要約: 課題: 抗体、酵素、ホルモン、サイトカイン等の生理活性を有するタンパク質の溶液状態における会合体の生成を抑制し、タンパク質溶液製剤の安定性を向上させる方法を提供する。 解決手段: 磁力線下にタンパク質溶液製剤を保存することを含むタンパク質溶液製剤の安定化方法及び磁力線発生装置を備えたタンパク質溶液製剤の収納容器。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10754

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ A61K38/00, A61K9/08, A61J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ A61K38/00, A61K9/08, A61J1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS (STN), MEDLINE (STN), BIOSIS (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO 02/17957 A1 (Chugai Pharmaceutical Co., Ltd.), 07 March, 2002 (07.03.02), Particularly, Claims & EP 1329224 A1	13-15 1-12, 16, 17
X A	WO 01/17542 A1 (Chugai Pharmaceutical Co., Ltd.), 15 March, 2001 (15.03.01), Particularly, Claims & EP 1232753 A1 & JP 2001-521332 A	13-15 1-12, 16, 17
X A	WO 01/64241 A1 (Chugai Pharmaceutical Co., Ltd.), 07 September, 2001 (07.09.01), Particularly, Claims & EP 1260230 A1 & JP 2001-563138 A & US 2003/92622 A1	13-15 1-12, 16, 17

Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search 19 November, 2003 (19.11.03)	Date of mailing of the international search report 09 December, 2003 (09.12.03)
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Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10754

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO 00/51629 A1 (Chugai Pharmaceutical Co., Ltd.), 08 September, 2000 (08.09.00), Particularly, Claims & JP 2000-247903 A & EP 1197221 A1	13-15 1-12, 16, 17
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A	JP 2000-229815 A (Toshimitsu HATTORI), 22 August, 2000 (22.08.00), (Family: none)	1-17
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A	JP 1-262988 A (Kabushiki Kaisha Shoko Kagaku Kenkyusho), 19 October, 1989 (19.10.89), (Family: none)	1-17